

Data Dictionary for Dataset: Condition of Non-Tidal Wetlands

Column	Column Name / Field Name	Description
A	Site Number	Unique numeric identifier for each site.
B	Date	Date site was assessed.
C	DERAP Version	Version of protocol used to assess site. Not all metrics collected in the past are collected currently, and some metrics that are collected currently were not collected in the past. The current version is available at this link here .
D	Basin	Major drainage basin the wetland site is within.
E	HGM Class	Hydrogeomorphic wetland type. Based on the study of "the interaction and linkage of hydrologic processes with landforms or earth materials and the interaction of geomorphic processes with surface and subsurface water in temporal and spatial dimensions." See this link here .
F	HGM Sub-class	Hydrogeomorphic wetland sub-type. Based on the study of "the interaction and linkage of hydrologic processes with landforms or earth materials and the interaction of geomorphic processes with surface and subsurface water in temporal and spatial dimensions." See this link here .
G	LLWW	Wetland classification code describing landscape, landform, water flow path, and waterbody type. See this link here .
H	Stream Order	Strahler stream order of stream associated with riverine wetland site. See this link here .
I	Classification	Specifies if wetland is natural or has been manipulated in some way by human activity to be restored, re-established, enhanced, or rehabilitated.
J	Purpose	Reason for field visit (assessment or reference).
K	Watershed	Watershed that the wetland site is within. Watersheds are mapped using the USGS HUC10 scale.
L	Sub-watershed	Sub-watershed that the wetland site is within. Sub-watersheds are mapped using the USGS HUC12 scale.
M	AA size and shape	Size and shape of wetland assessment area.

N	AA moved?	Indicates if the site center point and assessment area had to be moved from the original random location.
O	Forest Age >50 years	Forest age greater than 50 years.
P	Hfor50	Forest age 31 to 50 years.
Q	Hfor30	Forest age 16 to 30 years.
R	Hfor15	Forest age 3 to 15 years.
S	Hfor2	Forest age 2 years or less.
T	Hfor50-2	No forestry activity within 50 years.
U	Hfor30-2	Forestry activity 30 to 50 years ago.
V	Hfor15-2	Forestry activity 15 to 30 years ago.
W	Hfor2-2	Forestry within 15 years.
X	Hforcc	Forestry activity clear cut within 2 years.
Y	Hnorecov	Cleared land not recovering.
Z	Hfor10	Forest activity less than 10% of Assessment Area.
AA	Hcc10	Less than 10% of Assessment Area clear cut within 50 years.
AB	Hcc50	Between 11% and 50% of Assessment Area clear cut within 50 years.
AC	Hcc100	More than 50% of Assessment Area clear cut within 50 years.
AD	Hforsc	Selective cutting forestry.
AE	Harvest > 50% recovered	Forest harvest more than 50% recovered.
AF	Harvest > 50% recovering	Forest harvest more than 50% recovering.
AG	Harvest > 50% recent	Forest harvest more than 50% recent.
AH	Harvest > 50% clear no recov	Forest harvest more than 50% cleared not recovering.
AI	% AA forested	Percent of assessment area forested.
AJ	BAF (10)	Basal area factor of dominant forest using a 10 factor angle gauge. "Basal area" refers to the cross sectional area of a tree at breast height.
AK	Hpine	Forest managed or converted to pine.
AL	Hchem	Forest chemical defoliation.
AM	Hmow	Mowing in Assessment Area.
AN	Hfarm	Farming activity in Assessment Area.
AO	Hgraz	Grazing in Assessment Area.
AP	Hinv1	Invasive plants cover less than 1% of Assessment Area.
AQ	Hinv5	Invasive plants cover between 1% and 5% of Assessment Area.

AR	Hinv50	Invasive plants cover between 6% and 50% of Assessment Area.
AS	Hinv100	Invasive plants cover more than 50% of Assessment Area.
AT	Hinvless	Invasive plants not dominating Assessment Area.
AU	Hinvdom	Invasive plants dominating Assessment Area.
AV	Hherb	Excessive Herbivory/Pinebark Beetle/Gypsy Moth.
AW	Hburn	Burned (prescribed).
AX	Hgarb	Garbage/Isolated dumping.
AY	Hnutapp (a)	Nutrients direct application/runoff.
AZ	Hnutapp (b)	Nutrient indicator species dominating Assessment Area.
BA	Halgae	Nutrients dense algal mats.
BB	Hnis100	Nutrient indicator plant species cover more than 50% of Assessment Area. Nutrient indicator plants are those that have been identified as being indicators of nutrient enrichment of an area. See the link here .
BC	Hnis50	Nutrient indicator plant species cover less than 50% of Assessment Area. Nutrient indicator plants are those that have been identified as being indicators of nutrient enrichment of an area. See the link here .
BD	Htrail-2	Trails and roads.
BE	Htrail	Non-elevated road.
BF	Hrdlog	Logging road in Assessment Area.
BG	Hroad or Hrdgrav	Dirt or gravel elevated road in Assessment Area.
BH	Hpave or Hrdpav	Paved road in Assessment Area.
BI	Wditchs	Slight Ditching; 1 to 3 shallow ditches (less than 0.3 meter deep) in Assessment Area.
BJ	Wditchm	Moderate Ditching; 3 shallow ditches in Assessment Area or 1 ditch more than 0.3 meter within 25m of edge of AA
BK	Wditchx	Severe Ditching. More than one ditch 0.3 to 0.6 meters deep or 1 ditch more than 0.6 meter deep within Assessment Area.
BL	Wditchfloodplain	Ditching in floodplain (not including main channel).
BM	Wchannm	Channelized stream not maintained.
BN	Wchan1	Dredge spoil bank on one or both sides of stream.

BO	Wchan2	Dredge spoil bank on same side of stream Assessment Area.
BP	Wchan1-2	Dredge spoil bank only one side of stream.
BQ	Wchan2-2	Dredge spoil bank both sides of stream.
BR	Wincision	Natural stream channel incision.
BS	Wdamdec	Weir/Dam/Road decreasing site flooding.
BT	Wimp10	Weir/Dam/Road impounding water on less than 10% of Assessment Area.
BU	Wimp75	Weir/Dam/Road impounding water on between 10% and 75% of Assessment Area.
BV	Wimp100	Weir/Dam/Road impounding water on more than 75% of Assessment Area.
BW	% site perm flood	Percent site permanently flooded.
BX	% site inundated	Percent site inundated.
BY	Wstorm	Stormwater inputs.
BZ	Wpoint	Point source (non-stormwater).
CA	Wsedchan	Excessive sedimentation in stream channel.
CB	Wsed or Wsedwet	Excessive sedimentation on wetland surface.
CC	Wfill10	Filling or excavation on less than 10% of Assessment Area.
CD	Wfill75	Filling or excavation on between 10% and 75% of Assessment Area.
CE	Wfill100	Filling or excavation on more than 75% of Assessment Area.
CF	Wmic10	Microtopographic alterations on less than 10% of Assessment Area. Microtopographic alterations are any alterations to the natural soil surface such as plowing, bedding for forestry operations, skidder or ATV ruts, etc.
CG	Wmic75	Microtopographic alterations on between 10% and 75% of Assessment Area. Microtopographic alterations are any alterations to the natural soil surface such as plowing, bedding for forestry operations, skidder or ATV ruts, etc.
CH	Wmic100	Microtopographic alterations on more than 75% of Assessment Area. Microtopographic alterations are any alterations to the natural soil surface such as plowing, bedding for forestry operations, skidder or ATV ruts, etc.
CI	Wsubsid	Soil subsidence or root exposure.
CJ	Road-impeding flow	Road present that is impeding flow of water.
CK	Road-not impeding flow	Road present that is not impeding flow of water.

CL	Wtidres	Tidal restriction from structure inhibiting natural tidal water flow.
CM	Sed dep	Sediment deposits.
CN	Soil change < 10%	Drastic color change in soil of less than 10%.
CO	Soil change 10-75%	Drastic color change in soil of between 10% and 75%.
CP	Soil change >75%	Drastic color change in soil of more than 75%.
CQ	Eroding banks/slopes	Eroding banks/slopes.
CR	Nutrients-ag	Nutrients-discharge from agriculture.
CS	Nutrients-sew	Nutrients-discharge from septic/sewage.
CT	Nutrients-fert	Nutrients-application of fertilizer.
CU	Ldevcom	Commercial or industrial development.
CV	Ldevres3	Residential development of more than 2 houses/acre.
CW	Ldevres2	Residential of 2 or fewer houses/acre.
CX	Ldevres1	Residential development of less than 1 house/acre.
CY	Ldevres1-2	Residential less than 1 house per 2 acres.
CZ	Lsew	Developed area is served by sewer.
DA	Lsept	Developed area is served by septic.
DB	Ltrail	Trails.
DC	Lrdgrav	Dirt or gravel road.
DD	Lrd2pav	Two-lane paved road.
DE	Lrd4pav	Paved road of 4 or more lanes.
DF	Stormdrain	Stormwater drains present.
DG	Lndfil	Landfill or waste disposal.
DH	Direct runoff/erosion	Direct runoff/erosion.
DI	Lchan	Channelized streams or ditches more than 0.6 meters deep.
DJ	Lagrow	Row crops or nursery plants.
DK	Lagorch	Orchards.
DL	Lag	Row crops, nursery plants, or orchards.
DM	Lagpoul	Poultry or livestock operation.
DN	Lfor	Forest harvesting within past 15 Years.
DO	Ldock	Slips/docks/marinas present.
DP	Lmoor	Boat moorings present.
DQ	Hydro-sev	Severe alteration of the natural flow of water through a landscape (Hydromodification).

DR	Hydro-mod	Moderate alteration of the natural flow of water through a landscape (Hydromodification).
DS	Hydro-sl	Slight alteration of the natural flow of water through a landscape (Hydromodification).
DT	Lgolf	Golf course.
DU	Lmow	Mowed area.
DV	Lmine	Sand or gravel mining operation.
DW	QCR	Qualitative Condition Rating. A rating of the level of disturbance of the Assessment Area. Ranging from minimal (1 or 2) to high (5 or 6). This was used in earlier versions of the wetland assessments for what is now known as QDR.
DX	QDR	Qualitative Disturbance Rating. A rating of the level of disturbance of the Assessment Area. Ranging from minimal (1 or 2) to high (5 or 6). See the link here .
DY	Total Score	Overall wetland score based on stressor weights. Note that total score calculations vary depending on the version of protocol used. See the link here .